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IDENTIFIERS

ABSTRACT

The Tennessee Research Coordinating Unit (RCU) has implemented a computerized information retrieval system known as "Query," which allows for the retrieval of documents indexed in Research in Education (RIE), Current Index to Journals in Education (CIJE), and Abstracts of Instructional and Research Materials (AIM/ARM). The document provides easy access to those computer searches of the ERIC files which were completed during the period July 1973-June 1974 and to facilitate retrieval and use of both the computer searches and the documents listed within each search. Part A contains information for both the use of this index and the use of any computer search printout which the reader may desire to borrow from the RCU. Part B, an alphabetical subject index, enables the user to locate already completed computer searches of the ERIC files by topic area. Part C lists all searches, by number, and provides the following information about each search: the descriptors, or indexing terms, used; the group of files, or time period, which the search covers; the number of documents identified in the files; and the ERIC Clearinghouse(s) searched. Appended materials relate to the ERIC and AIM/ARM systems. (Author/MW)

ED103653

INDEX TO "QUERY" COMPUTER SEARCHES

Compiled by

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An Index to All
"Query" Computer Searches Completed From
July 1973 - June 1974
Search Number 0403 - 0619

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
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and
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DEFINITION OF TERMS

ERIC - Educational Resources Information Center, a nationwide network of information clearinghouses covering 16 areas of educational concern and administered through Central ERIC located at the National Institute of Education.

Clearinghouse - Information center responsible for collecting and indexing research documents and journal articles in a specific area of education. This information is then processed through Central ERIC. A list of clearinghouses appears on page 63 as Appendix A.

RIE - Research in Education, a monthly index of pertinent literature or information in the educational field gathered by all the ERIC clearinghouses. Most of the documents reported in RIE are available on microfiche.

CIJE - Current Index to Journals in Education, a monthly index that includes annotations of selected articles from 530 educational periodicals. CIJE documents are not available on microfiche.

AIM/ARM - Abstracts of Instructional and Research Materials, an index to instructional and research materials in vocational-technical education published by The Center for Vocational-Technical Education, Columbus, Ohio.

Thesaurus of ERIC Descriptors - A dictionary of terms used to index the documents which are processed into the ERIC system.

Microfiche - A 4" x 6" sheet of film which contains up to 98 pages of a document in reduced form.

Microfiche Reader - A machine required to bring the document pages on microfiche back to readable size. Portable and desk-type models are available at the Tennessee Research Coordinating Unit.

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PREFACE

The Tennessee Research Coordinating Unit is one of a network of state units assisting vocational-technical educators and manpower specialists. Its primary purpose is to effectively and efficiently produce desirable changes in vocational-technical education and supporting programs in local schools, community colleges, universities, private colleges, and technical institutes which will make quality vocational education programs available to all who need and can profit from them.

The specific objectives of the RCU are to:

1. Collect and disseminate to appropriate audiences information on progress and application of occupational research.
2. Stimulate and encourage occupational education research and development activities in state departments, colleges and universities, local school districts, and nonprofit educational organizations.
3. Coordinate occupational education research activities conducted by state departments, colleges and universities, local school districts, and nonprofit organizations.
4. Conduct occupational education research and development projects.

The writing and dissemination of this publication is an effort to both encourage and assist occupational education research efforts both locally and on a national level.

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INTRODUCTION

"QUERY"

A Computerized Search Program in Educational Research

Within the last decade, thousands of documents relating to education have been compiled in one central file by the Educational Resources Information Center (ERIC). This collection consists of research documents, journal articles, instructional materials, speeches, and other documents related to almost every conceivable subject in the field of education.

The Tennessee RCU has all but journal articles on microfiche.

To assist users in determining what research has been performed and is available, the RCU has implemented a computerized information retrieval system known as "Query,"^{+1/2.5 TC} ^{which} This program allows for the retrieval of documents indexed in Research in Education (RIE), Current Index to Journals in Education (CIJE), and Abstracts of Instructional and Research Materials (AIM/ARM)*.

Use of the "Query" system is available to anyone in the field of education, including administrators, supervisors, teachers, and students. It is especially useful for those engaged in research, curriculum development, academically-oriented problem solving, preparation of course outlines or course content, teacher development, and so on. Proper utilization of "Query" will facilitate a more valid, comprehensive, and efficient accomplishment of practically any endeavor in education, because of the up-to-date information which it provides.

*As of January 1974, The Center for Vocational-Technical Education in Columbus, Ohio, combined the AIM and ARM indexes into one index to be published six times a year.

The RCU library maintains copies of all completed computer searches.
The purpose of this publication is to provide easy access to those computer searches of the ERIC files which were completed during the period July 1973 through June 1974 and to facilitate retrieval and use of both the computer searches and the documents listed within each search. A cumulative index of earlier searches will soon be reported in ERIC's RIE index.

Part A of this document contains information for both the use of this index and the use of any computer search printout which the reader may desire to borrow from the RCU.

Part B is simply an alphabetical subject index, enabling the user to locate already completed computer searches of the ERIC files by topic area.

Part C is a listing of all searches, by number, and provides the following information about each search:

- 1) The descriptors, or indexing terms, used,
- 2) The group of files, or time period, which the search covers,
- 3) The number of "hits," meaning the number of documents identified in the files, and
- 4) The ERIC Clearinghouse(s) searched.

PART A: USE OF THE INDEX

PART A: USE OF THE INDEX

To determine whether or not the RCU has completed a search of the ERIC files on a particular topic, consult the appropriate descriptors in Part B to see if that topic is listed. Make note of the search number(s) listed under that topic and then consult Part C for more detailed information concerning each search.

The information in Part C is presented in the following five columns:

Search Number	Clearinghouse Searched	Descriptors Used	Number of Hits	Group Number
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The first column contains the accession number or search number by which each is filed in the RCU library. When requesting a search on loan from the RCU, this number is all you need to complete your request. The second column indicates the specific clearinghouse(s) searched (Appendix A). The third column contains a list of all index terms, or "descriptors," used to complete the computer search. A descriptor ending with / indicates that all descriptors alike to that point (/) were used in the search. For example, the term "Administrator R/" means that both the descriptors "Administrator Responsibility" and "Administrator Role" were used in the search. The fourth column tells the approximate length of the search by giving the total number of "hits" or documents identified in the files.

The fifth column, "Group Number," tells the group of files which the search covers. The "Query" files are brought up to date quarterly with new research which has been added to the RIE, CIJE, and AIM/ARM files. A list of the Group Numbers and their respective files is located at the beginning of Part C.

Copies of searches may be obtained upon request for the cost of xeroxing or RCU library copies may be borrowed upon request for a maximum of two weeks. Each complete computer search contains a report resume' for each document identified in that search (see sample resume' Appendix B, C, D). The report resume' provides the title and author, as well as other public information, for each document. The resume' also includes either an abstract (approximately 150-250 words) of each research document identified from the RIE and AIM/ARM indexes or a short annotation of each journal article identified from the CIJE index. Review of the report resume' will enable an individual to decide whether a review of the complete document is desired.

If the complete document is desired, the "EDRS Price" line in the report resume' provides information on the availability of each document (see sample resume'). If there is a price given for microfiche (mf) and/or hard copy (hc), that document may be purchased for the price indicated from EDRS (ERIC Document Reproduction Service). However, individuals in Tennessee have immediate and direct access to all microfiche through the RCU and its network of Regional Resource Centers (Appendix E) placed throughout the State. The cost of microfiche is 10¢ per microfiche and the cost of hard copy is 10¢ per page. Microfiche may be used in the RCU library or purchased.

If the document is not available through EDRS or the RCU, the "EDRS Price" line will state "Document not available from EDRS" and the resume' will list the source from which the document may be obtained (see sample resume').

Anyone desiring to use "Query" to run a new computer search may do so by consulting with the RCU personnel by mail, telephone, or in person and by completing a "Query" Search Request Form (Appendix F), outlining the topic area for which information is desired. RCU personnel will then complete the computer program and conduct the search. The user will receive a copy of the completed search containing the information described and should follow the same procedure in selecting and obtaining the desired documents.

All requests and inquiries should be addressed to:

Information Specialist
Tennessee Research Coordinating Unit
909 Mountcastle Street
Knoxville, Tennessee 37916
Telephone: (615) 974-3338

PART B: SUBJECT INDEX TO COMPUTER SEARCHES

SUBJECT INDEX TO COMPUTER SEARCHES

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Able Students #0556 Administrator Attitudes #0544
Academic Achievement #0470 Administrator Characteristics #0459
 #0580
 #0609
 #0618 Administrator Education #0409
Academic Aspirations #0614 Administrator Evaluation #0497
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 #0483 Activity Learning #0416 Adult Education #0479
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#0480	
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#0582	#0519
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#0455	#0526
#0469	
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#0599	#0526
Affective Objectives	Aspiration
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#0599	
Africa	Astronomy
#0408	#0531
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#0582	#0605
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#0456	#0464
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Mathematical Applications #0519	Methods Courses #0549
Mathematical Concepts #0519	Middle Schools #0515
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Medical Services #0605	Movable Partitions #0517
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Municipalities #0426	Nursing #0570
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National Competency Tests #0428	Observational Learning #0577
National Surveys #0437 #0478	Occupational Aspiration #0602 #0614
Needs #0478 #0482 #0483 #0484	Occupational Choice #0565 #0602
Neurologically Handicapped #0425	Occupational Clusters #0487
Nongraded/ #0609	Occupational Guidance #0486
Nongraded Primary System #0507	#0574 #0603 #0619
Nonverbal Communication #0561	Occupational Home Economics #0434 #0490
Non-Western Civilization #0460	#0461 #0559
Norm Referenced Tests #0471	#0488 #0587
Number Concepts #0519	#0489 #0598
Nursery Schools #0520	Occupational Therapy #0563
Nurses #0570	Office/ #0431
	Office Occupations Education #0471
	#0550
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On the Job Training #0536	Parent Teacher Conferences #0410
Open Education #0505	Parent Teacher Cooperation #0410
Open Plan Schools #0609	Parenthood Education #0523
Oral Communication #0585	Part Time Jobs #0491
Organizational Climate #0415 #0525	Perceptual Motor Coordination #0499
Orientation #0538	Perceptual Motor Learning #0499 #0513
Orientation Materials #0472	Perceptually Handicapped #0425 #0499
Orthographic Symbols #0470	Performance Based Teacher Education #0439 #0591 #0598 #0615
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Paramedical Occupations #0562	Performance Criteria #0439 #0592 #0573 #0598 #0578
Parent Attitudes #0477	Performance Specifications #0598
Parent Child Relationship #0523 #0576	Performance Standards #0578
Parent Conferences #0410	Performance Tests #0573
Parent Counseling #0410	Personal Growth #0529 #0565
Parent Influence #0488	Personality/ #0416 #0451 #0459 #0609
Parent Participation #0410 #0576	
Parent School Relationship #0475	

Personal Values	Play
#0416	#0457
#0521	
Phonetic Transcription	Playground Activities
#0470	#0513
Phonics	Plumbing
#0470	#0578
Photocomposition	Political Power
#0514	#0566
Physical Activities	Political Socialization
#0513	#0460
Physical Development	Post High School Guidance
#0513	#0603
Physical Education	Power Structure
#0513	#0442
#0605	#0475
#0616	#0566
Physical Environment	Practical Nurs/
#0589	#0562
Physical Fitness	Prediction
#0616	#0428
Physical Recreation Programs	Predictive/
#0616	#0428
Physical Therapy	Predictive Ability
#0563	#0570
Physically Handicapped	Predictive Measurement
#0424 #0478	#0570
#0425 #0509	
#0433	Predictor Variables
	#0428
Pilot Projects	Preschool Children
#0584	#0582
Placement	Preschool Education
#0574	#0520
Planetariums	Preschool Evaluation
#0531	#0532
Planning	Preschool Programs
#0520	#0520
	#0582

Preschool Teachers #0454	Program Evaluation #0532 #0579 #0540 #0584 #0550 #0604
Preservice Education #0420 #0538 #0549 #0554	Program Improvement #0550
Prevocational Education #0502	Program Planning #0436 #0541 #0607
Primary Education #0513	Programmed Instruction #0535
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Printing #0514	Programmed Texts #0535
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Professional Education #0512	Psychological Needs #0561 #0582 #0589
Professional Training #0493	Psychological Patterns #0459
Program/ #0458	Psychomotor Skills #0513
Program Administration #0436 #0550	Public Education #0445
Program Development #0436	Public Opinion #0612
	Public Relations #0446 #0612

Publishing Industry	Reading Comprehension
#0514	#0585
Purchasing	Reading Development
#0520	#0456 #0585
Q	Reading Instruction
Questionnaires	#0456
#0478	Reading Level
#0482	#0535
#0484	#0593
Quinmester Programs	Reading Materials
#0496	#0593
R	Reading Skills
Race/	#0456
#0413	Recall
Race Relations	#0427
#0413	Receptive Language
Racial Characteristics	#0422
#0416	Recidivism
Racial Differences	#0584
#0416	Recognition
Racial Integration	#0427
#0413	Regional Cooperation
Racism	#0474
#0413	Regional Laboratories
Radio	#0474
#0493	Regional Libraries
Rating Scales	#0474
#0492	Regular Class Placement
Readability	#0527
#0593	Rehabilitation Programs
Readiness	#0424
#0565	#0521
Reading	#0584
#0429	Reinforcement
#0506	#0416
	#0524
	#0583

Relevance	Rural Extension
#0418	#0493
#0463	
Religious Conflict	<u>S</u>
#0500	Safety
#0501	#0605
Reprography	Salesmanship
#0514	#0446
Resource Guides	#0601
#0575	Sampling
#0617	#0484
Resource Materials	Sanitation
#0556 #0575	#0460
#0562 #0617	School Accidents
#0563	#0511
Resource Units	#0605
#0617	School Administrators
Retailing	#0551
#0446	School Architecture
Retarded Children	#0509
#0424	School Budgets
#0425	#0612
Retention	School Buses
#0427	#0404
Revenue Sharing	School Community Cooperation
#0444	#0442
Role Conflict	School Community Relationship
#0500	#0442
#0501	#0475
Role Models	#0612
#0577	School Design
Role Perception	#0589
#0529	School Districts
#0537	#0473
Role Theory	School Environment
#0500	#0609
Rural Areas	School Integration
#0566	#0413

School Organization	Second Language Learning
#0475	#0583
#0515	
School Orientation	Secondary School Counselors
#0472	#0524
	#0554
School Planning	Secondary School Mathematics
#0612	#0462
	#0519
School Policy	Secondary School Students
#0442	#0413 #0574
#0475	#0416 #0614
School Role	#0445
#0500	
School Safety	Secondary Schools
#0511	#0413
#0605	#0509
School Size	Secretaries
#0438	#0564
School Space	Self Actualization
#0438	#0521
	#0529
School Superintendents	Self Concept
#0551	#0455
	#0512
School Supervision	#0609
#0436	
#0441	
School Surveys	Self Directed Classrooms
#0437	#0609
#0478	
#0550	
#0616	
School Vandalism	Sensitivity Training
#0450	#0512
Schools	Sensory Training
#0475	#0499
Schools of Education	Sex Differences
#0587	#0602
#0613	
Science	Sex Discrimination
#0456	#0445
	Sheltered Workshops
	#0424
	Short Courses
	#0594

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Simulated Environment #0431	Social Isolation #0452
Simulation #0420 #0431	Social Maturity #0565
Skill Analysis #0499 #0578	Social Problems #0500
Skill Development #0513	Social Reinforcement #0524
Soci/ #0422	Social Relations #0452
Social/ #0460	Social Status #0475
Social Adjustment #0452 #0454	Social Structure #0479
Social Attitudes #0479 #0521	Social Studies/ #0456
Social Behavior #0452 #0529	Social Values #0479 #0521 #0561
Social Characteristics #0479	Socialization #0454 #0500
Social Class #0479 #0500	Socially Maladjusted #0452
Social Development #0454 #0609	Socioeconomic/ #0460
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Space Dividers #0517	State Legislation #0443 #0584
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Special Degree Programs #0505	State Surveys #0437 #0478 #0584
Speech Evaluation #0557	State Universities #0449 #0571
Speech Handicap/ #0424 #0425 #0557	Statewide Planning #0464
Speech Improvement #0557	Stenograph/ #0564
Speech Tests #0557	Stenography #0550
Speech Therapy #0557	Stereotypes #0445
Spelling Instruction #0470	Stress Variables #0459
Standardized Tests #0428	Student Alienation #0501
State Aid #0444	Student Attitudes #0418 #0506 #0599 #0455 #0522 #0609 #0461 #0568 #0616 #0462 #0571 #0477 #0588
State Colleges #0449	Student Behavior #0589
State Curriculum Guides #0514 #0547 #0562 #0563	Student Characteristics #0418
State Federal Aid #0444	

Student Developed Materials	Summer Workshops
#0556	#0606
#0617	
Student Employment	Superior Students
#0491	#0556
#0574	
Student Enrollment	Supervision
#0489	#0436
	#0441
Student Evaluation	Supplementary Textbooks
#0411	#0593
Student Interests	Surveys
#0418	#0437 #0484
#0463	#0478 #0616
	#0482
Student Motivation	T
#0418 #0609	
#0429 #0618	
#0455	
Student Needs	T Groups
#0418	#0529
#0463	
Student Placement	Tactual Perception
#0485	#0561
#0574	
Student Teacher Relationship	Talented Students
#0429	#0556
#0454	
Student Teachers	Task Analysis
#0537	#0578
Student Teaching	Task Performance
#0537	#0452
	#0516
Student Transportation	Teacher Administrator
#0404	Relationship
	#0430
Stuttering	Teacher Attitudes
#0557	#0425 #0545
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	#0454 #0588
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Suburban	Teacher Background
#0426	#0428
Summer Institutes	Teacher Behavior
#0606	#0428
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Teacher Certific/ #0615	Teacher Participation #0544
Teacher Certification #0423 #0439 #0581 #0592	Teacher Programs #0587
Teacher Characteristics #0428 #0429	Teacher Qualifications #0428
Teacher Developed Materials #0421 #0545 #0434 #0556 #0463 #0617	Teacher Rating #0428
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Teacher Employment #0428	Teacher Responsibility #0544
Teacher Evaluation #0428 #0429	Teacher Role #0454 #0537 #0544
Teacher Experience #0581	Teacher Selection #0428
Teacher Improvement #0428 #0485	Teacher Workshops #0555 #0606
Teacher Influence #0429 #0454 #0462 #0544	Teachers #0587
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Teacher Motivation #0403	Teaching Experience #0420
Teacher Orientation #0405	Teaching Guides #0526 #0563, #0541 #0607 #0562
	Teaching Methods #0402 #0588 #0428 #0596 #0455 #0470
	Teaching Models #0420

Teaching Procedures	Theories
#0420	#0427
#0611	
Teaching Styles	Thermal Environment
#0429	#0589
#0462	
#0611	
Teaching Techniques	Trade & Industrial Education
#0420 #0470	#0406 #0575
#0455 #0588	#0536 #0581
#0463 #0611	#0552
Team Teaching	Trade & Industrial Teachers
#0609	#0581
Team Training	Trainable Mentally Handicapped
#0467	#0433
#0512	#0478
Teenagers	Training/
#0416	#0467
Telecourses	Training Techniques
#0542	#0417
	#0536
Televised Instruction	Transparencies
#0542	#0575
#0583	
Television/	Typewriting
#0583	#0564
Television Curriculum	#0569
#0542	
Test Construction	Typists
#0471	#0564
	#0569
Testing	U
#0427	Undergraduate Study
#0523	#0571
Tests	Ungraded/
#0523	#0609
Textbook Content	Ungraded Elementary Programs
#0535	#0507
Textbooks	Ungraded Primary Programs
#0593	#0507

Units of Study	Visually Handicapped
#0446	#0424
#0456	#0425
#0601	#0433
Universities	Vocabulary/
#0449	#0456
#0505	#0585
#0571	
University Extension	Vocabulary Development
#0468	#0422
Unskilled/	Vocational Agriculture
#0536	#0510
Urban/	Vocational Counseling
#0426	#0445 #0603
	#0486 #0619
	#0565
Use Studies	Vocational Development
#0473	#0491
 <u>V</u>	Vocational Directors
Validity	#0530
#0529	#0551
Values	Vocational Education
#0500	#0423 #0444
#0512	#0424 #0469
#0521	#0435 #0471
#0599	#0440 #0553
	#0441 #0568
	#0443
Vandalism	Vocational Education Teachers
#0450	#0423
	#0581
Verbal Development	Vocational Follow Up
#0422	#0490
#0576	#0558
Verbal Learning	#0597
#0611	#0608
Verbal Operant Conditioning	Vocational Interests
#0524	#0602
Violence	Vocational Rehabilitation
#0582	#0424
Visual Learning	Vocational Retraining
#0583	#0424
#0611	

Vocational Training Centers

#0424

#0536

Voice Disorders

#0557

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Waste Disposal

#0460

Western Civilization

#0460

Work Attitudes

#0414

#0492

#0568

#0599

Work Environment

#0414

Work Experience

#0581

Work Recognition

#0585

Work Study Programs

#0491

Workshops

#0606

Y

Year Round Schools

#0481

PART C: LIST OF COMPUTER SEARCHES BY SEARCH NUMBER

GROUP NUMBERS

Group XIII - RIE and CIJE complete through March 1973
AIM and ARM complete through March 1973

Group XIV - RIE and CIJE complete through June 1973
AIM and ARM complete through September 1973

Group XV - RIE and CIJE complete through September 1973
AIM and ARM complete through September 1973

Group XVI - RIE and CIJE complete through December 1973
AIM and ARM complete through December 1973

Group XVII - RIE and CIJE complete through March 1974
AIM and ARM complete through December 1973

Group XVIII - RIE and CIJE complete through June 1974
AIM and ARM complete through December 1973

COMPUTER SEARCHES BY SEARCH NUMBER

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0403	All	Teacher Motivation or Teacher Morale or Incentive Systems	169	XIII
0404	All	Bus Transportation or Student Transportation or School Buses	228	XIII
0405	All	Teacher Orientation	74	XIII
0406	VT	Manuals and Trade and Industrial Education or Industrial Arts or Industrial Education	26	XIII
0408	All	Africa or Maghreb Countries and Educational Problems or Education Trends or Educational Practice	26	XIII
0409	All	Administrator Education	114	XIII
0410	EC	Parent Participation or Parent Teacher Conferences or Parent Teacher Cooperation or Parent Conferences or Parent Counseling	47	XIII
0411	All	Audiovisual Aids or Films or Filmstrips or Audiovisual Instruction and Evaluation/ or Student Evaluation	44	XIII
0412	VT	Electronics	119	XIII
0413	All	Activism or Demonstrations and High School Students or Secondary Schools or Secondary School Students or Minority Groups or Race/ and Problem Solving or Behavior Problems or Conflict Resolution and School Integration or Minority Groups or Integration/ or Race Relations or Racial Integration or Racism	145	XIII
0414	AC, VT	Work Attitudes or Job Satisfaction or Work Environment	184	XIII
0415	All	Organizational Climate and Educational Change or Educational Innovation or Innovation or Change Agents	22	XIII
0416	All	High School Students or Secondary School Students or Adolescents or Adolescence or Teenagers and Behavior Change or Reinforcement or Drug Abuse or Personality/ or Racial Differences or Learning Characteristics or Personal Values or Racial Characteristics or Activity Learning or Motor Development or Maturation	193	XIII

Search Number	Clearinghouse Searched	Descriptors Used	Number of Hits	Group Number
0417	All	Industrial Arts or Industrial Arts Teachers and Disadvantaged Youth or Culturally Disadvantaged or Educationally Disadvantaged and Teaching/ or Teacher Education or Training Techniques or Discipline/ or Class Management or Teacher Morale	4	XIII
0418	All	Student Attitudes or Student Characteristics or Student Motivation or Student Needs or Relevance or Individual Characteristics or Individual Differences or Individual Needs or Student Interests and Learning/	276	XIII
0419	All	Counselor Certification or Counselor Training	553	XIV
0420	All	Preservice Education or Teaching Experience and Teaching Methods or Teaching Techniques or Simulation or Multimedia Instruction or Teaching Procedures or Teaching Models	52	XIV
0421	All	Material Development or Teacher Developed Materials and Individualized Instruction or Individual Instruction or Programmed Materials or Activity Units	70	XIV
0422	All	Soci/ or Intelligence or Culture Free Tests and Vocabulary Development or Verbal Development or Child Language or Language Patterns or Receptive Language	152	XIV
0423	All	Teacher Education or Teacher Certification or Vocational Education Teachers and Vocational Education or Instructional Innovation	322	XIV
0424	All	Mentally Handicapped or Handicapped/ or Aurally Handicapped or Visually Handicapped or Physically Handicapped or Speech Handicapped or Retarded Children or Multiply Handicapped and Vocational Education or Vocational Rehabilitation or Vocational Retraining or Rehabilitation Programs or Vocational Training Centers or Sheltered Workshops	316	XIV

Search Number	Clearing-- house Searched	Descriptors Used	Number of Hits	Group Number
0425	All	Teacher Attitudes and Mentally Handicapped or Handicapped/ or Aurally Handicapped or Visually Handicapped or Physically Handicapped or Speech Handicapped or Retarded Children or Multiply Handicapped or Academically Handicapped or Perceptually Handicapped or Neurologically Handicapped or Exceptional Children	45	XIV
0426	All	Engineering/ and Urban/ or City Planning or City Problems or City Improvement or City Wide Programs or Municipalities or Suburban/	6	XIV
0427	All	Retention or Memory or Recall or Recognition and	28	XIV
0428	All	Measurement or Testing/ or Theories Prediction or Predictive/ or Predictor Variables or Standardized Tests or Expectation or National Competency Tests and Teaching Methods or Effective Teaching or Teacher Evaluation or Teacher Characteristics or Teacher Behavior or Teacher Background or Teacher Improvement or Teacher Qualifications or Teacher Selection or Teacher Employment or Teacher Rating	65	XIV
0429	CS	Teacher Attitudes or Student Teacher Relationship 113 or Teacher Evaluation or Teacher Characteristics or Teacher Behavior or Student Motivation or Behavior Patterns or Classroom Observation Techniques or Teaching Styles or Teacher Influence and Reading/		XIV
0430	All	Teacher Administrator Relationship or Board Administrator Relationship	293	XIV
0431	EM, HE, JC, VT	Business Education or Office/ and Simulation or Simulated Environment	78	XIV
0433	All	Individualized Instruction or Individual Instruction and Mentally Handicapped or Handicapped/ or Educable Mentally Handicapped or Learning Disabilities or Visually Handicapped or Physically Handicapped or Multiply Handicapped or Trainable Mentally Handicapped	20	XIV

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0434	VT	Home Economics/ or Occupational Home Economics and Individualized Instruction or Individual Instruction or Teacher Developed Materials	6	XIV
0435	All	Leadership or Administrator Responsibility or Informal Leadership and	77	XIV
0436	All	Vocational Education Distributive Education and Program Planning or Program Development or Program Administration or Supervision or School Supervision	60	XIV
0437	All	Surveys or National Surveys or State Surveys or School Surveys and Educational Needs or Educational Problems or Educational Trends	436	XIV
0438	All	School Size or School Space	104	XIV
0439	All	Behavioral Objectives or Performance Criteria or Performance Based Teacher Education and	136	XIV
0440	All	Teacher Education or Teacher Certification Educational Philosophy or Educational Theories or Educational Principles and	67	XIV
0441	All	Vocational Education Educational Administration or Supervision or School Supervision and	37	XIV
0442	All	Vocational Education Educational Administration or Educational Policy or School Policy and	112	XIV
0443	All	School Community Relationship or Community/ or School Community Cooperation or Power Structure Federal Legislation or Educational Legislation or State Legislation or Legislation or Laws or State Laws and	138	XIV
0444	All	Vocational Education Vocational Education and Educational Finance or Financial Support or Federal Aid or State Aid or State Federal Aid or State Federal Support or Revenue Sharing	89	XIV

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0445	All	Stereotypes or Sex Discrimination or Educational Discrimination and Elementary School Students or Elementary Grades or Secondary School Students or Curriculum/ or Vocational Counseling or Public Education or Guidance Counseling	63	XIV
0446	All	Public Relations or Distributive Education or Consumer Education or Marketing or Salesmanship or Retailing and Instructional Materials or Audiovisual Aids or Instructional Innovation or Instructional Aids or Educational Resources or Manuals or Units of Study (subject fields) or Classroom Materials	220	XIV
0447	All	Infant Behavior	224	XIV
0448	All	Apprenticeships or Apprentice Programs	269	XIV
0449	All	Educational Planning and Higher Education or Junior Colleges or Universities or Colleges or State Universities or State Colleges	365	XIV
0450	All	School Vandalism or Vandalism	60	XIV
0451	All	Personality/ or Counselor Characteristics and Counseling Effectiveness or Counselor Performance or Counselor Selection	212	XIV
0452	All	Behavioral Science Research or Social Relations or Social Adjustment or Social Behavior or Social Isolation or Socially Maladjusted and Task Performance or Interaction or Interaction Process Analysis or Behavior Rating Scales	195	XIV
0453	All	Lunch Programs	150	XIV
0454	All	Socialization or Social Development or Moral Values or Social Adjustment or Ethical Values or Ethical Instruction and Teacher Attitudes or Teacher Role or Student Teacher Relationship or Teacher Behavior or Social Influences or Teacher Influence or Preschool Teachers or Teacher Response	40	XIV
0455	All	Student Attitudes of Self Concept or Changing Attitudes or Affective Behavior and Teaching Methods or Teaching Techniques or Student Motivation or Curriculum D/ or Evaluation Techniques	245	XIV

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0456	All	Reading Instruction or Vocabulary/ or Reading Skills or Language Skills or Reading Development and English/ or Mathematics/ or Science/ or Social Studies/ or History/ or Literature/ or Geography/ or Units of Study or Economic Education	332	XIV
0457	All	Play or Leisure Time	305	XIV
0458	AC, VT	Distributive Education and Program/ or Curriculum Evaluation	191	XIV
0459	All	Personality/ or Psychological Patterns or Stress Variables or Administrator Characteristics and Decision Making	20	XIV
0460	All	Health Education or Hygiene or Sanitation or Waste Disposal and Social/ or Socioeconomic/ or Cultural Factors or Cultural Influences or Political Socialization or Western Civilization or Non Western Civilization	41	XIV
0461	All	Home Economics/ or Home Economics Education or Occupational Home Economics or Home Management and Student Attitudes or Attitude Tests	8	XIV
0462	All	Secondary School Mathematics and Student Attitudes or Changing Attitudes or Effective Teaching or Teacher Influence or Teaching Styles	8	XIV
0463	All	English Instruction or Relevance (education) or Student Needs or Student Interests or English Education and Teaching Techniques or Effective Teaching or Teacher Developed Materials or Demonstrations (educational)	383	XIV
0464	All	Environmental Education or Ecology and Curriculum Development or Curriculum Guides or Curriculum Planning or Instructional Programs or Master Plans or Statewide Planning	122	XIV
0467	All	Change Agents and Teacher Education or Educational Programs or Training or Leadership Training or Team Training	40	XIV

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0469	All	Interpersonal Competence or Affective Behavior or Affective Objectives and	3	XIV
0470	All	Vocational Education or Job Training Spelling Instruction or Phonics or Orthographic Symbols or Phonetic Transcription and	67	XIV
		Teaching Methods or Teaching Techniques or Academic Achievement or Measurement Techniques or Grades or Achievement Rating		
0471	All	Test Construction or Multiple Choice Tests or Criterion Referenced Tests or Norm Referenced Tests and	11	XIV
		Vocational Education or Business Education or Office Occupations Education		
0472	All	School Orientation or Orientation Materials	71	XIV
0473	All	School Districts or Boards of Education or Board of Education Policy or Board Administrator Relationship or Board of Education Role and	5	XIV
		Information Retrieval or Information Services or Information Sources or Information Needs or Information Utilization or Use Studies		
0474	All	Directories or Indexes or Guides or Catalogs and	56	XIV
		Regional Cooperation or Regional Libraries or Regional Laboratories or Information Systems or Educational Resources or Information Services or Information Centers or Information Networks		
0475	All	Socioeconomic Influences or Socioeconomic Status or Economic Factors or Social Status and	39	XIV
		School Community Relationship or School Organization or Power Structure or Parent School Relationship or Decentralization or Schools or School Policy or Centralization or High School Organization		
0477	All	Elementary Education or Elementary Schools or Elementary School Curriculum and	16	XIV
		Student Attitudes or Parent Attitudes		
0478	All	Mentally Handicapped or Handicapped/ or Educable Mentally Handicapped or Physically Handicapped or Exceptional Children or Trainable Mentally Handicapped and	236	XIV
		Questionnaires or Educational Needs or Surveys or Measurement/ or National Surveys or State Surveys or School Surveys or Needs		

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0479	All	Adult Education or Adult Education Programs or Professional Continuing Education or Adult Learning or Continuous Learning and Social Values or Social Attitudes or Social Influences or Social Factors or Socioeconomic Influences or Social Class or Social Structure or Social Characteristics or Adult Characteristics	44	XIV
0480	All	Independent Study or Individual Study and Adult Education or Adult Education Programs or Professional Continuing Education or Adult Learning or Continuous Learning or Adult Characteristics	17	XIV
0481	All	Year Round Schools or Extended School Year	140	XIV
0482	All	Adult Education/ or Adult Basic Education or Community Services or Continuous Learning or Adult Characteristics and Educational Needs or Attitudes or Community Attitudes or Needs and Measurement/ or Questionnaires or Surveys or Evaluation Techniques or Community Surveys	6	XIV
0483	All	Adult Education/ or Adult Basic Education or Community Services or Continuous Learning or Adult Characteristics and Educational Needs or Attitudes or Community Attitudes or Needs	106	XIV
0484	All	Educational Needs or Needs and Measurement/ or Questionnaires or Surveys or Evaluation Techniques or Evaluation Methods or Interviews or Sampling or Community Surveys	77	XIV
0485	All	Career Education and Teacher Education or Educational Needs or Resource Materials or Measurement Techniques or Teacher Improvement or Instructional Materials Centers or Job Placement or Information Centers or Community Resources or Student Placement	50	XIV
0486	All	Elementary School Guidance and Occupational Guidance or Vocational Counseling or Career Planning or Career Education or Guidance Functions	13	XIV
0487	All	Occupational Clusters	158	XIV

Search Number	Clearing- house Searched	Descriptors Used	Number of Hits	Group Number
0488	All	Home Economics/ or Occupational Home Economics and Socioeconomic Influences or Cultural Factors or Social Influences or Economic Factors or Social Factors or Family Influence or Parent Influence	1	XIV
0489	All	Home Economics/ or Occupational Home Economics and Enrollment/ or Student Enrollment	1	XIV
0490	All	Home Economics/ or Occupational Home Economics and Follow Up Studies or Vocational Follow Up	3	XV
0491	All	Vocational Development or Work Study Programs or Student Employment or Part Time Jobs and Career Planning or Career Choice	120	XV
0492	All	Work Attitudes and Evaluation/ or Measurement/ or Rating Scales or Interest Scales	10	XV
0493	All	Mass Media or Radio or Educational Radio or Media Technology or Broadcast Industry and Inservice Education or Professional Training or Extension/ or Inservice Programs or Rural Extension or Inservice Courses	16	XV
0494	All	Future/ or Alternative Futures	283	XV
0496	All	Quinmester Programs	286	XV
0497	All	Faculty Evaluation or Administrator Evaluation	184	XV
0498	All	Job Corps	103	XV
0499	All	Motor Development or Perceptual Motor Coordination or Perceptual Motor Learning or Sensory Training or Skill Analysis and Mentally Handicapped or Educable Mentally Handicapped or Perceptually Handicapped	58	XV
0500	All	Values or Social Problems or Socialization or School Role or Role Theory or Social Class or Family School Relationship and Decision Making or Problem Solving or Behavior Problems or Cultural Conflict or Conflict or Conflict Resolution or Role Conflict or Anti-Social Behavior or Religious Conflict	119	XV

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0501	All	Communication Problems or Psychological Characteristics or Interpersonal Competence or Student Alienation or Dropout Problems or Labor Problems and Decision Making or Problem Solving or Behavior Problems or Culture Conflict or Conflict or Conflict Resolution or Role Conflict or Anti-Social Behavior or Religious Conflict	66	XV
0502	All	Prevocational Education	172	XV
0504	All	Educational Parks	48	XV
0505	All	Independent Study or Open Education or Equivalency Tests or Special Degree Programs or Experimental Colleges or External Degree Programs and Higher Education or Universities or College Programs	199	XV
0506	All	Reading/ and Student Attitudes or Attitudes or Changing Attitudes or Attitude Tests	109	XV
0507	All	Nongraded Primary System or Ungraded Elementary Programs or Ungraded Primary Programs	52	XVI
0508	All	Change Agents and Educational Change or Educational Innovation or Innovation	170	XVI
0509	All	Educational Facilities or Educational Equipment or Classroom Furniture or Facility Improvement and Bibliographies or Secondary Schools or Elementary Schools or Handicapped/ or Physically Handicapped or School Architecture	80	XVI
0510	All	Vocational Agriculture and Evaluation Criteria or Evaluation Techniques or Evaluation Methods	10	XVI
0511	All	Accident Prevention or School Safety or School Accidents	70	XVI
0512	All	Graduate Students or Graduate Study or Professional Education or Doctoral Programs and Self-Concept or Decision Making or Changing Attitudes or Values or Individual Development or Human Relations or Interpersonal Competence or Sensitivity Training or Conflict Resolution or Team Training	25	XVI

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0513	All	Skill Development or Physical Education or Psychomotor Skills or Motor Development or Perceptual Motor Learning or Physical Development or Physical Activities or Exercise (physiology) or Playground Activities and Elementary Education or Child Development or Early Childhood Education or Primary Education	74	XVI
0514	All	Publishing Industry or Printing or Reprography or Photocomposition or Signs or Layout (publications) and Curriculum Guides or Course Descriptions or State Curriculum Guides	9	XVI
0515	All	School Organization or Departmental Teaching Plans and High Schools or Junior High Schools or Middle Schools	37	XVI
0516	All	Task Performance and Motivation	50	XVI
0517	All	Flexible Classrooms or Movable Partitions or Space Dividers	68	XVI
0518	All	Comprehensive High Schools	50	XVI
0519	All	Computer Assisted Instruction and Mathematics/ or Problem Solving or Secondary School Mathematics or Elementary School Mathematics or Arithmetic/ or Mathematical Concepts or Algebra or Geometry or Mathematical Applications or Number Concepts or Mathematical Logic	191	XVI
0520	All	Planning or Educational Facilities or Facility Guidelines or Educational Equipment or Facility Requirements or Educational Specifications or Purchasing or Classroom Furniture and Early Childhood Education or Preschool Programs or Preschool Education or Nursery Schools or Child Care Centers	22	XVI
0521	All	Institutionalized (persons) or Rehabilitation Programs or Prisoners or Correctional/ or Criminals and Values or Social Values or Social Attitudes or Social Influences or Self Actualization or Goal Orientation or Personal Values	5	XVI

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0522	All	Counseling Effectiveness and Student Attitudes or Attitudes or Changing Attitudes	24	XVI
0523	All	Child Development or Parent Child Relationship or Family Relationship or Child Rearing or Family Life/ or Parenthood Education and Instructional Materials or Curriculum Guides or Testing or Tests or Curriculum Evaluation or Curriculum Planning or Achievement Tests	95	XVI
0524	All	Reinforcement or Verbal Operant Conditioning or Social Reinforcement and Behavior Change and Counselor Role or Counselors or Adults or Counselor Performance or Secondary School Counselors	2	XVI
0525	All	Organizational Climate and Behavior/ or Counselor Performance	18	XVI
0526	All	Music Education or Art Education or Art Appreciation or Music Appreciation or Creative Dramatics or Dance and Curriculum D/ or Elementary School Students or Curriculum Guides or Teaching Guides or Behavioral Objectives or Junior High Schools or High School Curriculum	286	XVI
0527	All	Regular Class Placement	109	XVI
0528	All	Cable Television and Educational Change or Annotated Bibliographies or Educational Television or Instructional Television or Color Television	38	XVI
0529	All	Self Actualization or Role Perception or Personal Growth or Growth Patterns and Behavior Patterns or Evaluation Criteria or Interaction Process Analysis or Females or Grouping/ or Affective Behavior or Behavior Rating Scales or Validity or T Groups or Social Behavior or Homogeneous Grouping or Heterogeneous Grouping	126	XVI
0530	All	Vocational Directors	24	XVI
0531	All	Astronomy or Planetariums	222	XVI

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Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0532	All	Kindergarten or Early Childhood Education and Program Evaluation or Evaluation Criteria or Evaluation Techniques or Evaluation Methods or Curriculum Evaluation or Preschool Evaluation	170	XVI
0533	All	Learning Disabilities and Identification/ or Intervention or Educational Diagnosis or Clinical Diagnosis or Educational Therapy or Handicap Detection	133	XVI
0534	All	Mobile/	172	XVI
0535	All	Reading Level and Individualized Instruction or Programmed Instruction or Programmed Materials or Programmed Texts or Textbook Content or Individualized Reading	3	
0536	All	Unskilled/ or Laborers and Training Techniques or Job Training or Trade and Industrial Education or On the Job Training or Vocational Training Centers or Labor Education or Inplant Programs or Off the Job Training	24	XVI
0537	All	Cooperating Teachers and Teacher Role or Role Perception or Student Teaching or Student Teachers	87	XVI
0538	All	Boards of Education or Board Candidates and Educational Programs or Preservice Education or Training/ or Inservice Education or Orientation	13	XVI
0539	All	Alternative Schools	87	XVI
0540	All	Models or Evaluation Techniques or Measurement Techniques and Program Evaluation or Course Evaluation	294	XVI
0541	All	Management Development or Management Education or Business Administration or Managerial Occupations and Instructional Materials or Educational Programs or Curriculum Guides or Teaching Guides or Program Planning or Curriculum Planning or Manpower Needs or Moral Values or Integrity	98	
0542	All	Educational Television or Instructional Television or Televised Instruction or Television Curriculum or Telecourses and Higher Education or Educational Research or Effective Teaching or Curriculum Evaluation	104	XVI

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0543	All	Cross Age Teaching	108	XVI
0544	All	Teacher Attitudes or Teacher Role or Administrator R/ or Principals or Administrator Attitudes or Teacher Responsibility or Teacher Influence or Teacher Participation and Curriculum Development or Curriculum Planning or Curriculum Enrichment	119	XVI
0545	All	Instructional Materials Centers and Teacher Attitudes or Teacher Developed Materials	4	XVI
0547	All	Auto Mechanics/ and Curriculum Development or Curriculum Planning or State Curriculum Guides	4	XVI
0549	All	Career Education and Teacher Education or Inservice Teacher Education or Preservice Education or Methods Courses	28	XVI
0550	All	Office Occupations Education or Stenography or Clerical/ and Program Evaluation or Culturally Disadvantaged or Curriculum Evaluation or Program Administration or Disadvantaged Groups or Educationally Disadvantaged or Economically Disadvantaged or Program Improvement or School Surveys or Course Evaluation	53	XVI
0551	All	Information Needs and Administrative Personnel or Educational Administration or Principals or School Administrators or School Superintendents or Chief Administrators or Vocational Directors	4	XVI
0552	All	Industrial Arts or Trade and Industrial Education and Educational Change or Educational Development or Educational Trends or Educational History or Career Education or Educational Practice	106	XVI
0553	All	Educable Mentally Handicapped and Vocational Education or Employment Opportunities or Job Skills or Manpower Needs or Job Training or Career Opportunities or Labor Market or Prevocational Education or Job Market	61	XVI
0554	All	Counselors or Secondary School Counselors and Inservice Teacher Education or Preservice Education or Inservice Education or Internships	14	XVI

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0555	All	Curriculum Development or Instructional Materials Centers and Audiovisual Aids or Inservice Teacher Education or Information Dissemination or Instructional Media or Workshops or Information Utilization or Teacher Workshops	197	XVI
0556	All	Gifted or Superior Students or High Achievers or Able Students or Talented Students and Instructional Materials or Resource Materials or Educational Resources or Teacher Developed Materials or Student Developed Materials or Classroom Materials	21	XVI
0557	All	Speech Handicap/ or Stuttering or Voice Disorders or Cleft Lip or Cleft Palate and Clinical Diagnosis or Speech Therapy or Medical Evaluation or Speech Evaluation or Speech Improvement or Medical Treatment or Speech Tests	164	XVI
0558	VT	Follow-Up Studies or Graduate Surveys or Vocational Follow Up	322	XVI
0559	All	Food Service/ or Occupational Home Economics or Nutritional Industry or Foods Instruction and Teacher Education		XVI
0560	All	Consumer Education	327	XVI
0561	All	Minority Group/ or Ethnic Groups or Ethnic Students or Cultural Pluralism and Social Values or Cultural Awareness or Psychological Needs or Cues or Classroom Communication or Nonverbal Communication or Spatial Relationship or Tactual Perception or Teacher Response or Kinesthetic Perception	48	XVI
0562	All	Health Occupations or Health Services or Health Personnel or Paramedical Occupations or Hospital Personnel or Practical Nurs/ and Curriculum Guides or Teaching Guides or Resource Materials or Course Content or Course Description or Educational Resources or Classroom Materials or State Curriculum Guides	148	XVI
0563	All	Occupational Therapy or Physical Therapy or Medical Laboratory Technicians or Nurses' Aides or Psychiatric Aides and Curriculum Guides or Teaching Guides or Resource Materials or Course Content or Course Descriptions or Educational Resources or Classroom Materials or State Curriculum Guides	26	XVI

Search Number	Clearing- house Searched	Descriptors Used	Number of Hits	Group Number
0564	All	Office Occupations Education or Typewriting or Stenograph/ or Clerical/ or Secretaries or Typists and Disadvantaged Youth or Culturally Disadvantaged or Minority Groups or Disadvantaged Groups or Educationally Disadvantaged or Economically Disadvantaged	25	XVI
0565	All	Individual Development or Ability or Personal Growth or Maturation or Growth or Readiness or Social Maturity or Immaturity or Social Immaturity and Vocational Counseling or Career Planning or Occupational Choice or Career Choice	30	XVI
0566	All	Power Structure or Political Power and Annotated Bibliographies or Rural Areas or Community Control or Community Characteristics or Sociometric Techniques or Community Leaders or Community Influence	51	XVI
0567	All	Comprehensive Programs	99	XVI
0568	All	Vocational Education or Work Attitudes or Area Vocational Schools and Student Attitudes or Teacher Attitudes or Employer Attitudes	90	XVI
0569	All	Business Education or Office Occupations Education or Typewriting or Typists and Individualized Instruction or Individual Instruction or Individualized Programs or Individualized Curriculum	85	XVI
0570	All	Predictive Ability or Predictive Measurement or Nurses or Nursing or Grade Prediction or American College Test/ or ACT and Disadvantaged Youth or Culturally Disadvantaged or Educationally Disadvantaged	284	XVI
0571	All	Student Attitudes and Junior Colleges or Universities or Undergraduate Study or Colleges or State Universities or College Choice or Higher Education	265	XVI
0572	All	Cooperative Programs or Cooperative Education and Interdisciplinary Approach	8	XVI
0573	All	Counselor Role or Counselor Training or Counselor Functions or Counselor Performance and Educational Objectives or Behavioral Objectives or Performance Criteria or Performance Tests or Criterion Referenced Tests	19	XVI

Search Number	Clearing- house Searched	Descriptors Used	Number of Hits	Group Number
0574	All	Job Placement or Student Placement or Placement or Student Employment and Models or Occupational Guidance or Secondary School Students or Guidance Programs	59	XVI
0575	All	Industrial Arts or Trade and Industrial Education and Audiovisual Aids or Resource Materials or Films or Instructional Aids or Educational Resources or Resource Guides or Instructional Films or Transparencies or Classroom Materials or Color Presentations	169	XVII
0576	All	Infants or Infant Behavior or Infancy and Learning Processes or Language Development or Child Development or Parent Participation or Parent Child Relationship or Child Language or Verbal Development	138	XVI
0577	All	Imitation or Observational Learning or Role Models	183	XVI
0578	All	Building Trades or Electrical Occupations or Plumbing or Carpenters or Masonry or Bricklayers or Bricklaying or Electricians and Task Analysis or Job Skills or Performance Criteria or Job Analysis or Performance Standards or Skill Analysis	24	XVII
0579	VT, CE	Evaluation Techniques or State Programs or Methodology and Program Evaluation	122	XVII
0580	All	Anxiety and Academic Achievement or Academic Performance	45	XVII
0581	All	Trade and Industrial Education or Trade and Industrial Teachers or Vocational Education Teachers or Teacher Certification and Industrial Training or Work Experience or Employment Qualifications or Employment Experience or Teacher Experience	52	XVII
0582	All	Psychological Needs or Aggression or Violence or Conflict or Attention or Curiosity or Anti-Social Behavior or Affection and Preschool Programs or Infants or Infant Behavior or Early Childhood/ or Preschool Children or Day Care/ or Infancy	103	XVII

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0583	All	Second Language Learning or Bilingual Education or Bilingualism or Biculturalism and Reinforcement or Educational Television or Instructional Media or Television/ or Instructional Television or Audiovisual Instruction or Televised Instruction or Visual Learning or Audiovisual Communication	28	XVII
0584	All	Corrective Institutions or Prisoners or Correctional Education and Program Evaluation or Employment or Pilot Projects or State Surveys or State Legislation or Projects or Demonstration Projects or Rehabilitation Programs or Recidivism	94	XVII
0585	All	Learning Processes or Vocabulary or Work Recognition or Oral Communication and Reading Comprehension or Beginning Reading or Reading Development or Basic Reading or Early Reading	120	XVII
0586	All	Area Vocational Schools	167	XVII
0587	All	Occupational Home Economics and Teacher Education or Teachers or Teacher Programs or Schools of Education	5	XVII
0588	All	Student Attitudes or Teacher Attitudes and Teaching Methods or Teaching Techniques	145	XVII
0589	All	Environmental Influences or Building Design or School Design or Physical Environment or Controlled Environment or Climate Control or Climate Factors or Thermal Environment or Air Conditioning and Interaction Process Analysis or Student Behavior or Teacher Behavior or Classroom Observation Techniques or Psychological Needs	33	XVII
0590	All	Individualized Instruction or Individual Instruction or Individualized Programs or Individualized Curriculum and Higher Education or Junior Colleges or Community Colleges or Colleges or College Instruction	86	XVII
0591	All	Performance Based Teacher Education	128	XVII
0592	All	Behavioral Objectives or Performance Criteria and Teacher Education or Teacher Certification	147	XVII

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0593	All	Reading Level or Readability and Instructional Materials or Reading Materials or Textbooks or Manuals or Programmed Materials or Classroom Materials or Supplementary Textbooks	55	XVII
0594	All	Elective Subjects or Short Courses or Mini-Courses	223	XVII
0595	All	Adoption (Ideas) and Educational Innovation or Diffusion	52	XVII
0596	All	Individualized Instruction or Individual Instruction or Individualized Programs or Individualized Curriculum and Teaching Methods or Bibliographies or Annotated Bibliographies or Literature Reviews	186	XVII
0597	CE, VT	Follow Up Studies or Graduate Surveys or Vocational Follow Up	330	XVIII
0598	All	Occupational Home Economics and Behavioral Objectives or Performance Criteria or Performance Specifications or Performance Based Teacher Education	1	XVII
0599	All	Employment/ and Student Attitudes or Behavior Patterns or Values or Work Attitudes or Affective Behavior or Emotional Development or Affective Objectives or Attitudes or Interests or Employee Attitudes	66	XVII
0600	All	Child Abuse	44	XVII
0601	All	Distribution Education or Salesmanship and Instructional Materials or Audiovisual Aids or Instructional Innovation or Instructional Aids or Educational Resources or Manuals or Units of Study or Classroom Materials	170	XVII
0602	All	Sex Differences and Occupational Choice or Career Choice or Vocational Interests or Occupational Aspiration	34	XVII
0603	All	Post High School Guidance and Occupational Guidance or Vocational Counseling	6	XVII
0604	All	Individualized/ or Individual Instruction and Evaluation or Program Evaluation or Curriculum Evaluation or Course Evaluation	153	XVII

Search Number	Clearing-house Searched	Descriptors Used	Number of Hits	Group Number
0605	All	Safety or Medical Services or Accidents or School Safety or Injuries or First Aid or School Accidents and Athletic/ or Athletes or Extramural or Intramural Athletic Programs or Physical Education	36	XVII
0606	All	Changing Attitudes or Adoption (ideas) and Inservice Teacher Education or Workshops or Inservice Programs or Teacher Workshops or Summer Institutes or Summer Workshops	33	XVIII
0607	All	Management Development or Management Education or Business Administration or Managerial Occupations and Instructional Materials or Educational Programs or Curriculum Guides or Teaching Guides or Program Planning or Curriculum Planning or Manpower Needs or Moral Values or Integrity	107	XVIII
0608	JC	Follow Up Studies or Graduate Surveys or Vocational Follow Up	90	XVIII
0609	All	Nongraded/ or Team Teaching or Open Plan Schools or Ungraded/ or Flexible Schedul/ or Self Directed Classrooms and Academic Achievement or Self Concept or Student Attitudes or Personality/ or Academic Performance or Social Development or Student Motivation or School Environment	60	XVIII
0610	All	Instructional Media or Educational Technology or Instructional Technology or Media Technology and Learning/ or Communication (thought transfer) or Information Theory	168	XVIII
0611	All	Cognitive Processes or Communication (thought transfer) or Verbal Learning or Visual Learning or Learning Characteristics or Aural Learning or Multisensory Learning or Learning Modalities and Curriculum D/ or Teaching Techniques or Individualized Instruction or Teaching Procedures or Multimedia Instruction or Teaching Styles	217	XVIII
0612	All	School Planning or Master Plans or Construction Plans or School Budgets or Bond Issues and School Community Relationship or Public Relations or Public Opinion or Citizen Participation or Community Support	45	XVIII

Search Number	Clearing- house Searched	Descriptors Used	Number of Hits	Group Number
0613	All	Facility Guidelines or Facility Requirements or Educational Specifications or Interior Space or Building Plans or Space Classification and Teacher Education or College Planning or Schools of Education	58	XVIII
0614	All	Aspiration or Occupational Aspiration or Academic Aspiration and Elementary School Students or High School Students or Secondary School Students	156	XVIII
0615	All	Athletics or Athletic Activities or Athletic Programs or Athletic Coaches and Teacher Education or Teacher Certific/ or Certificat/ or Educational Certificates or Performance Based Teacher Education	14	XVIII
0616	All	Physical Education or Physical Fitness or Exercise (physiology) or Physical Recreation Programs or Calisthenics and Student Attitudes or Attitudes or Surveys or School Surveys	7	XVIII
0617	All	Career Education and Instructional Materials or Audiovisual Aids or Resource Materials or Resource Guides or Teacher Developed Materials or Community Resources or Student Developed Materials or Classroom Materials or Manipulative Materials or Resource Units	161	XVIII
0618	All	Disadvantaged Youth and Academic Achievement or Student Motivation or Educational Problems or Learning Motivation	166	XVIII
0619	All	Counseling Services or Guidance Programs or Guidance Services or Counseling Programs and Occupational Guidance or Vocational Counseling or Career Education	79	XVIII

APPENDICES

APPENDIX A

ERIC CLEARINGHOUSES

CE	*CAREER EDUCATION	FL	LANGUAGES AND LINGUISTICS
VT	204 Gabel Hall		Center for Applied Linguistics
AC	Northern Illinois University DeKalb, Illinois 60115		1611 North Kent Street Arlington, Virginia 22209
CG	COUNSELING AND PERSONNEL SERVICES University of Michigan School of Education Building Room 2108 Ann Arbor, Michigan 48104	CS	READING AND COMMUNICATION SKILLS National Council of Teachers of English 1111 Kenyon Road Urbana, Illinois 61801
UD	DISADVANTAGED Teachers College Columbia University Box 40 New York, New York 10027	RC	RURAL EDUCATION AND SMALL SCHOOLS New Mexico State University Box 3 AP Las Cruces, New Mexico 88003
PS	EARLY CHILDHOOD EDUCATION University of Illinois 805 W. Pennsylvania Avenue Urbana, Illinois 61801	SE	SCIENCE, MATHEMATICS, AND ENVIRONMENTAL EDUCATION Ohio State University 400 Lincoln Tower Columbus, Ohio 43210
EA	EDUCATIONAL MANAGEMENT University of Oregon Eugene, Oregon 97403	SO	SOCIAL STUDIES/SOCIAL SCIENCE EDUCATION Social Science Education Consortium, Inc. 855 Broadway Boulder, Colorado 80302
EC	HANDICAPPED AND GIFTED CHILDREN The Council for Exceptional Children 1920 Association Drive Reston, Virginia 22091	SP	TEACHER EDUCATION American Association of Colleges for Teacher Education One Dupont Circle, N.W. Suite 616 Washington, D.C. 20036
HE	HIGHER EDUCATION George Washington University One Dupont Circle, Suite 630 Washington, D.C. 20036	TM	TESTS, MEASUREMENT, AND EVALUATION Educational Testing Service Princeton, New Jersey 08540
IR	INFORMATION RESOURCES		
LI	Stanford Center for Research		
EM	and Development in Teaching Stanford, California 94305		
JC	JUNIOR COLLEGES University of California at Los Angeles Powell Library, Room 96 405 Hilgard Avenue Los Angeles, California 90024		

*The ERIC Clearinghouses on Vocational and Technical Education and Adult Education have been combined with Career Education into one clearinghouse.

APPENDIX B

Format of
Research in Education (RIE)
Document Resume
ED 039 349

Clearinghouse Accession Number

ED Accession Number

ED 039 349 VT 010 981

From School to Work; A Pilot Study.
New York State Education Dept., Albany. Bu-
reau of Guidance.
Pub Date Aug 69
Note—25p.

EDRS Price MF-\$0.25 HC-\$1.35
Descriptors—Community Involvement, *Employ-
ment Problems, Employment Services, *Pilot
Projects, School Role, *Vocational Adjustment,
*Vocational Development, Work Environment,
*Youth Problems

The problems which youth face in the transi-
tion from school to work are complex and chal-
lenging. Such problems have been conceptualized
into a model which relates specific problems to
dimensions of self and environment in three
developmental stages: (1) pretransitional—the life
period before an individual is activated to seeking
his first full-time job, (2) transitional—marked by
activation to seek first full-time employment, oc-
curring during grade 12 for about one-half of
high school students, and (3) post-transitional—the
first job. Using this model, perceptions of the vo-
cational development of New York youth were
obtained from staff members in 40 schools, 27
employers, and 14 new workers. Suggestions for
programs, activities, and facilities are tabulated
by problem area, and public factors are ranked
by strength score. The strongest transitional needs
were identified in areas of preparatory education
and training, occupational information, self-ac-
tualization, worker role, job placement, mobility,
and occupational mobility. There was no attempt
to investigate causative factors; however, some
causal inferences are drawn. Recommendations
are included. (CH)

Title of Document

Institutional Source--The
Organization Responsible
for the Report

Availability of Document

Terms Under Which Document
is Indexed in Subject Index
(Only terms that are preceded
by an asterisk appear in The
Subject Index)

Abstract of Document

APPENDIX C

Format of

Current Index to Journals in Education (CIJE)

Main Entry

EJ 038 439

EJ Accession Number

Title of Article

Author

Terms Under Which Document is Indexed in Subject Index (only terms that are preceded by an asterisk appear in the Subject Index)

Annotation

Clearinghouse Accession Number

Journal Title

EJ 038 439 410 VT 502 429
Upgrading the Beginning Technical Student
Boudreau, Howard E., *Technical Education*,
pple 1-3, May/Jun 71
*Technical Education, *Admission Criteria,
*Pretechnology Programs, *Curriculum Development,
*Educational Needs, Recruitment,
Course Organization, Achievement Tests
How a pre-technical program, established to
maintain the high engineering technology pro-
gram standards, succeeds while maintaining an
"open door" policy: Technical Education is a
bimonthly supplement to Industrial Arts and
Vocational Education. (GB)

The main Entry Section contains the complete bibliographic citation for each processed journal article.

The CIJE indexes provide access to journal article citations listed in the Main Entry Section.

Source Journal Index . . . lists the journals from which articles are reviewed and cited monthly.

Subject Index . . . lists titles of articles according to descriptive retrieval terms contained in the Main Entry citations.

Author Index . . . lists authors' names along with title of article and EJ accession number.

Journal Contents Index . . . lists source journals along with titles of articles processed from each journal.

APPENDIX D

Format of

ARM and AIM Document Resume

Clearinghouse Accession
Number--"VT" Denotes
Vocational-Technical

Personal Author(s)

Title of Document

Institutional
Source--The
Organization
Responsible for the
Report (Bureau of
Labor Statistics is
listed in the
Personal and Insti-
tutional Author
Index)

Availability of
Document

Terms Under Which
Document is Indexed
in Subject Index--
(only terms that
are preceded by an
asterisk appear in
the Subject Index)

Abstract of Report

ERIC Document Accession Number--
Resumes of Documents with "ED" Prefix
Are Listed in Research in Education.

VT 014 005 ED 056 185
SMITH, GERARD C.; CROWLEY, MICHAEL F.
OCCUPATIONAL MANPOWER AND TRAINING NEEDS;
INFORMATION FOR PLANNING TRAINING PROGRAMS
FOR THE 1970'S.

BUREAU OF LABOR STATISTICS (DOL), WASHINGTON,
D.C. DIV. OF MANPOWER AND OCCUPATIONAL
OUTLOOK.
EURS PRICE MF-\$.65 HC-\$ 3.29.
BULL-1701
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT
PRINTING OFFICE, WASHINGTON, D.C. 20402
 (\$.75)
PUB DATE - 71 87P.

DESCRIPTORS - *EMPLOYMENT PROJECTIONS;
*MANPOWER NEEDS; EDUCATIONAL PLANNING;
*EDUCATIONAL NEEDS; EMPLOYMENT TRENDS;
*EMPLOYMENT STATISTICS; *EDUCATIONAL SUPPLY;
VOCATIONAL EDUCATION

ABSTRACT - THIS BULLETIN SUMMARIZES THE
BUREAU OF LABOR STATISTICS EMPLOYMENT
PROJECTIONS WHICH ARE AVAILABLE AND DISCUSSES
THEIR USE IN LOCAL EDUCATIONAL PLANNING.
INCLUDED ARE MATERIAL ON PROJECTIONS OF
FUTURE MANPOWER NEEDS, INFORMATION ON
OCCUPATIONAL TRAINING PROGRAMS, AND
STATISTICS BY OCCUPATION ON MANPOWER NEEDS,
ANNUAL OPENINGS, TRAINING METHODS, AND
NUMBERS OF GRADUATES. (HH)

APPENDIX E

REGIONAL RESOURCE CENTERS

East Tennessee

Athens Area Vocational-Technical School
Highway 11 By-Pass
Athens, Tennessee 37303
Mr. Eldie Dickey, Assistant Superintendent
615-745-6940

*Bradley Central High School
Cleveland, Tennessee 37311
Mr. Don Carter
615-479-5436

Chattanooga State Technical Community College
4501 Amnicola Highway
Chattanooga, Tennessee 37406
Mrs. Barbara Kalman, Assistant Librarian
615-698-8681

Halls High School
Route 13, Emory Road
Knoxville, Tennessee 37918
Ms. Julia DeBoard, Vocational Orientation
615-922-7757

Tri-Cities State Regional Vocational-Technical School
P.O. Box 246
Blountville, Tennessee 37617
Ms. Dianne Ferguson, Assistant Librarian
615-323-4544

Middle Tennessee

Dickson Area Vocational-Technical School
Highway 46
Dickson, Tennessee 37055
Mr. Jack Brown, Related Instructor
615-446-4710

McMinnville Area Vocational-Technical School
Highway 70 South
McMinnville, Tennessee 37110
Mr. Norman Elrod, Supervisor of Student Services
615-473-5587

Nashville State Technical Institute
120 White Bridge Road
Nashville, Tennessee 37209
Mrs. Diane Groves, Division Head, Educational Resource Center
615-741-1236

Rickman High School
Rickman, Tennessee 38580
Mrs. Eva Lee Finley, Librarian
615-823-5418

Shelbyville Area Vocational-Technical School
P.O. Box 164
Tullahoma Highway
Shelbyville, Tennessee 37160
Mr. Clarence Statum, Related Instructor
615-684-1828

West Tennessee

Jackson State Community College
P.O. Box 2467
Jackson, Tennessee 38301
Mr. Van Veach, Head Librarian
Mr. Scott Cohen, Assistant Librarian
901-424-3520

McKenzie Area Vocational-Technical School
Highway 22 North
McKenzie, Tennessee 38201
Mr. James K. Smith, Counselor
901-352-5364

Newbern Area Vocational-Technical School
Highway 51 North
Newbern, Tennessee 38059
Ms. Jean C. Carson, Related Instructor
901-627-2511

*Savannah Area Vocational-Technical School
Highway 64 West
Crump, Tennessee 38327
Mr. Terry Case, Related Instructor
901-632-3393

State Technical Institute at Memphis
5983 Macon Cove at Interstate 40
Memphis, Tennessee 38128
Mrs. Mildred DuBois
901-388-1200

*Unofficial RRCs are those who expressed a desire to maintain indexes and assist others with microfiche use, and who do not have an RCU-purchased reader-printer on site. A portable reader, however, may be present. Schools interested in serving as unofficial RRCs should contact Mrs. Dee Wilder at (615) 974-3338.

APPENDIX F

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FOR RCU USE ONLY
SEARCH NO.
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TENNESSEE RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION

Computer Search Request
 Manual Search Request
 Completed Computer Search # _____

User Data

Name _____ Date _____

Mailing Address _____

Telephone _____ Campus Extension _____

Bill To _____

Position:

<input type="checkbox"/> Voc.-Tech. Teacher	<input type="checkbox"/> Staff
<input type="checkbox"/> Non Voc.-Tech. Teacher	<input type="checkbox"/> RCU Personnel
<input type="checkbox"/> Student	<input type="checkbox"/> Other (please specify) _____

From what source did you learn of the RCU services?

Search Data

1. Purpose of Search:

<input type="checkbox"/> Research Paper	<input type="checkbox"/> Other (please describe) _____
<input type="checkbox"/> Thesis or Dissertation	
<input type="checkbox"/> Project (give a brief description) _____	

2. Provide a brief outline describing the area which you wish to search. If possible, list descriptor terms from the ERIC Thesaurus.

IN CONNECTION WITH THIS SEARCH, I UNDERSTAND THAT A FEE OF FIFTEEN DOLLARS (\$15.00) IS PAYABLE FOR EACH COMPUTER SEARCH REQUEST.

Signature